



Pump Specification

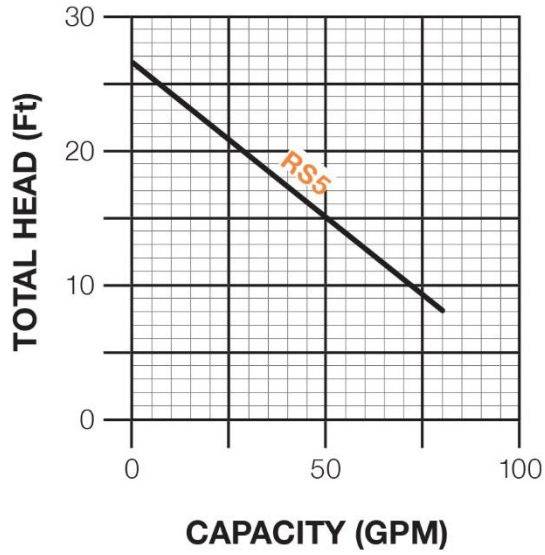
Pump Series: RS5 Residential Sewage

Description:

Pump Electrical Specifications												
Model#	Hz:	Voltage:	HP:	Discharge:	Speed	Shutoff	Max Flow & Head	Wt. (lbs)	LRA	FLA	Cord	Cord length
RS5/1	60	115v	0.5	2"	2P/3500	26'	See Max Operating conditions	40	30	6	UL(E231992-K) SJO	UL (E231992-K) SJO
RS5/2	60	220v	0.5	2"		26'		40	30	6		UL (E231992-K) SJO
RS5/3	60	230v	0.5	2"		26'		40	30	3.3		UL (E231992-K) SJO
RS5/4	60	460v	0.5	2"		26'		40	30	6		UL (E231992-K) SJO



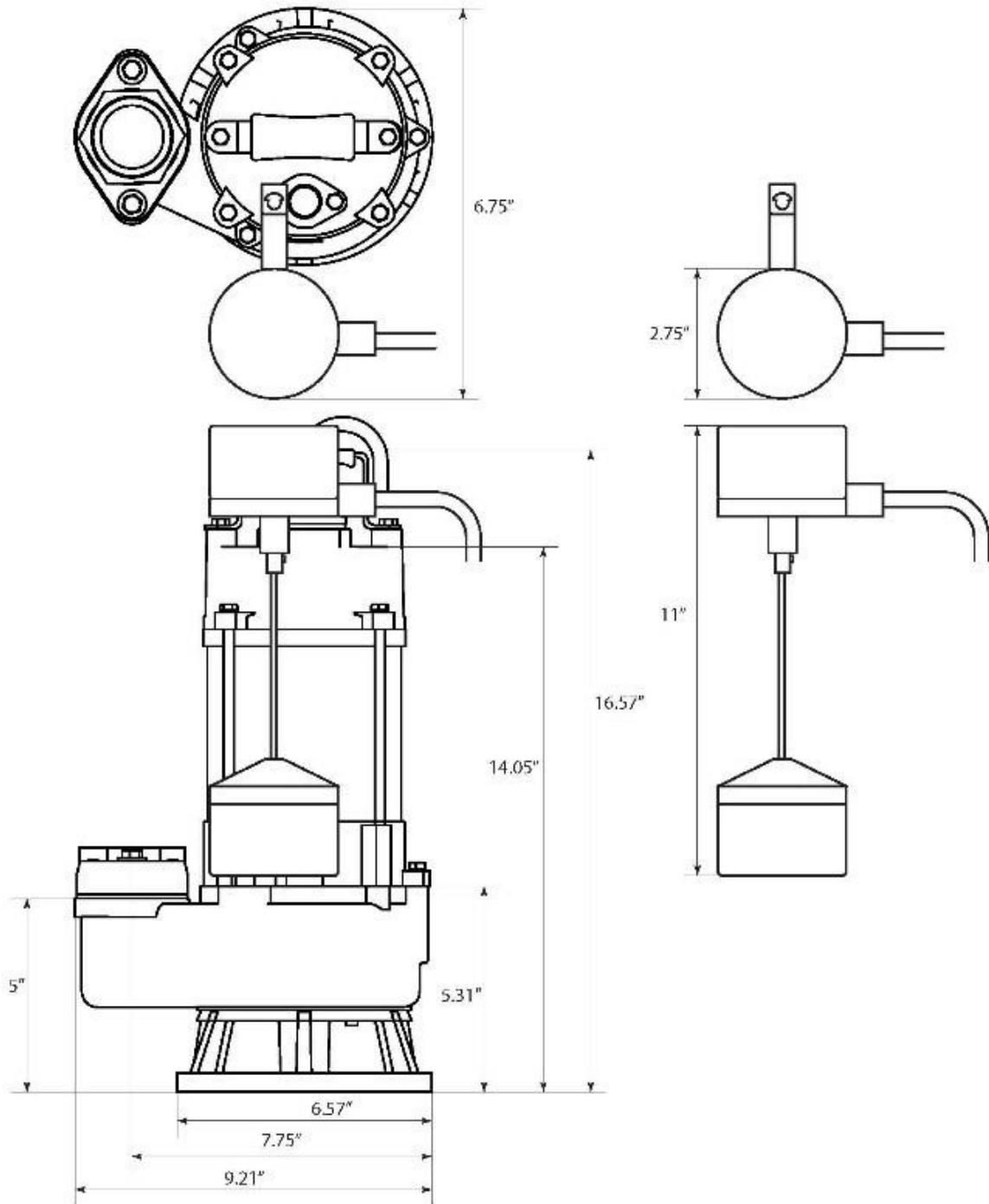
Pump Curve & Max Operating Condition



Model #	RS5/1	RS5/2	RS5/3	RS5/4
TDH	8'	8'	8'	8'
GPM	79	79	79	79



Pump Dimensions





Specifications

- **Specified Operation:** Model _____ to perform at ___gpm at ___ tdh, ___V/___ph.
- **Overview:** RS5 series pumps are designed to be used in effluent applications where solids concentration is low and no larger than 2" respectively.
- **Operating:** RS5 pumps should always be operated on/in accordance with their hydraulic performance curves and should not be operated under overload conditions (ie: too far to the right side of the respective performance curve).
- **Construction:** Each pump volute, impeller, backing plate, and motor cap is constructed of FC200 (Class 30) cast iron and 304 stainless steel.
- **Motor:** Offered in single phase and three phase each motor is air filled with a dual seal oil filled chamber to protect the motor's electrical components from water intrusion at the liquid end of the pump. Motor is housed in an FC200 cast iron casing.
- **Shaft:** Each shaft is made of 420 stainless steel and adequately sized with a **1.3 or greater** safety factor for use under maximum pumping volumes.
- **Bearings:** Each motor shaft will rotate on one heavy-duty sealed bearing at the top and bottom of the motor shaft.
- **Seals:** Each pump motor will be protected by a dual seal design with Silicon Carbide /Silicon Carbide seal on the pump side and carbon/ceramic on the motor side.
- **Oil Chamber:** Each pump will come with an oil filled seal chamber with ISO VG. Number 32 hydraulic oil.
- **Power Cable:** Minimum 20' (6M) UL listed (E231992-K) SJO cable will be supplied. Longer cables will be adequately sized based upon UL standards.
- **Volute:** Constructed of FC200 (Class 30) cast iron
- **Impeller:** Non-clog vortex type impeller constructed of FC200 (Class 30) cast iron
- **Stand:** Ring-styled constructed of FC200 (Class 30) cast iron coated with reenforced techno-polymer.
- **Transport:** One each 304 stainless steel handle with a contoured rubber top coating will provide an easily transportable grip.
- **Paint:** Cast iron components will be painted with an epoxy paint that meets ASTM standards.
- **Repair:** Standard repair parts will be stocked domestically for fast shipping.
- **Testing:** Each pump will be tested before being packaged for shipment.
- **Warranty:** Each pump has a 12-month warranty with additional months upon request.



Aqua Pro Pump Systems
a Tomiko Inc. Company